

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Application Number 10/624,531

Filing Date July 23, 2003

First Named Inventor Jacques Colinge et al.

Art Unit 2123

Examiner Name Unassigned

Attorney Docket Number 64176.000005

Sheet

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of

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U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	DOCUMENT NUMBER Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
AS	1.	US- 5538897	07-23-1996	Yates, III et al.	
	2.	US- 6017693	01-25-2000	Yates, III et al.	
	3.	US- 20020046002	04-18-2002	Tang et al.	
	4.	US- 6489121	12-03-2002	Skilling	
	5.	US- 6489608	12-03-2002	Skilling	
	6.	US- 2003/0052263	03-20-2003	Kaufman et al.	
	7.	US- 2003/0054408	03-20-2003	Kaufman et al.	
	8.	US- 6582965	06-24-2003	Townsend et al.	
	9.	US- 2003/0153007	08-14-2003	Chen et al.	
	10.	US- 6660229	12-09-2003	Cantor et al.	
	11.	US- 2004/0041089	03-04-2004	Halpern	
	12.	US- 2004/0153249	08-05-2004	Zhang et al.	
	13.	US- 2004/0175838	09-09-2004	Jarman et al.	
	14.	US- 6800449	10-05-2004	Haynes et al.	
	15.	US- 2004/01295500	10-07-2004	Sachs et al.	
	16.	US- 6852544	02-08-2005	Aebersold et al.	

FOREIGN PATENT DOCUMENTS

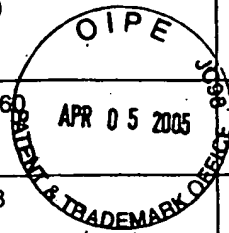
Examiner Initials	Cite No.	FOREIGN PATENT DOCUMENT	Publication Date MM-YYYY	Country	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	TRANSLATION	
						YES	NO
AS	17.	2000-039436	02-08-2000	JP		<input checked="" type="checkbox"/>	<input type="checkbox"/>
AS	18.	1239288	09-11-2002	EP		<input checked="" type="checkbox"/>	<input type="checkbox"/>
AS	19.	2004-012355	01-15-2004	JP		<input checked="" type="checkbox"/>	<input type="checkbox"/>
AS	20.	2004-257922	09-16-2004	JP		<input checked="" type="checkbox"/>	<input type="checkbox"/>

OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	TRANSLATION	
			YES	NO
AS	21.	KELLER et al., "Experimental Protein Mixture for Validating Tandem Mass Spectral Analysis" URL: http://www.biotech.org/publications/proteome_2.pdf	<input type="checkbox"/>	<input type="checkbox"/>
	22.	Annaiah et al., "A Tool for Handling Tandem Mass Spectrometry Protein Database Search Results" URL: http://chemfacilities.chem.indiana.edu/facilities/proteomics/ASM_S_2004_TPA014_abs.pdf	<input type="checkbox"/>	<input type="checkbox"/>
	23.	Fridman et al., "An Alternative to Sequest" URL: http://recomb04.sdsc.edu/posters/tfaATomi.gov_130.pdf	<input type="checkbox"/>	<input type="checkbox"/>
	24.	"Introduction to Mass Spectrometry" URL: http://gg.bu.edu/proteomics/intro.htm	<input type="checkbox"/>	<input type="checkbox"/>
	25.	Sadygov et al., "Large-scale Database Searching Using Tandem Mass Spectra: Looking Up The Answer In The Back Of The Book" URL: http://www.nature.com/cgi-taf/DynaPage.taf?file=/nmeth/journal/v1/n3/full/nmeth725.html	<input type="checkbox"/>	<input type="checkbox"/>
	26.	Fu et al., "Exploiting the Kernel Trick to Correlate Fragment Ions for Peptide Identification Via Tandem Mass Spectrometry" URL: http://www.ingentaconnect.com/connect/oup/cabious/2004/00000020/00000012/art01948	<input type="checkbox"/>	<input type="checkbox"/>
	27.	Citation: Electrophoresis. 1999 Dec.;20(18):3551-67. Accession #: PMID: 10612281	<input type="checkbox"/>	<input type="checkbox"/>
	28.	Citation: Anal Chem. 2002 Nov. 1;74(21):5593-9. Accession #: PMID: 12433093	<input type="checkbox"/>	<input type="checkbox"/>
	29.	Citation: Anal Chem. 2003 Aug. 1;75(15):3792-8. Accession #: PMID: 14572045	<input type="checkbox"/>	<input type="checkbox"/>
	30.	Citation: Anal Chem. 2004 Mar. 15;76(6):1664-71. Accession #: PMID: 15018565	<input type="checkbox"/>	<input type="checkbox"/>
	31.	Citation: Anal Chem. 1995 Apr. 15;67(8):1426-36. Accession # PMID: 7741214	<input type="checkbox"/>	<input type="checkbox"/>
	32.	Citation: Anal Chem. 2004 Apr. 15;76(8):2355-66. Accession #: PMID: 15080748	<input type="checkbox"/>	<input type="checkbox"/>
	33.	Citation: Biol Mass Spectrom. 1993 June;22(6):338-45. Accession #: PMID: 8329463	<input type="checkbox"/>	<input type="checkbox"/>
	34.	Citation: Rapid Commun Mass Spectrom. 1997;11(9): 1067-75. Accession #: PMID: 10582570	<input type="checkbox"/>	<input type="checkbox"/>
	35.	Citation: J Comput Biol. 1999 Fall-Winter;6(3-4):327-42. Accession #: PMID: 10582570	<input type="checkbox"/>	<input type="checkbox"/>
↓	36.	Citation: Proteomics. 2002 Mar.;2(3):262-70. Accession #: PMID: 11921442	<input type="checkbox"/>	<input type="checkbox"/>

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AS	37.	Citation: Anal Chem. 2004 Jan. 15;76(2):267-75. Accession #: PMID: 14719870	<input type="checkbox"/>	<input type="checkbox"/>
AS	38.	Citation: J Proteome Res. 2004 Jan-Feb;3(1):32-6. Accession #: PMID: 14998160	<input type="checkbox"/>	<input type="checkbox"/>
AS	39.	Citation: Bioinformatics. 2001;17 Suppl 1:S13-21. Accession #: PMID 11472988	<input type="checkbox"/>	<input type="checkbox"/>
AS	40.	Citation: Sheng Wu Hua Xue Yu Sheng Wu Wu Li Xue Bao (Shanghai). 2003 Aug;35(8):734-40. Accession #: PMID: 12897969	<input type="checkbox"/>	<input type="checkbox"/>
AS	41.	Citation: Anal Chem. 2003 Nov. 15;75(22):6251-64. Accession #: PMID: 14616009	<input type="checkbox"/>	<input type="checkbox"/>
EXAMINER SIGNATURE		/Anna Skibinsky/	DATE CONSIDERED 12/18/2006	
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AS	1.	US- 6017693	01-25-2000	Yates, III et al.	
AS	2.	US- 6393367	05-21-2002	Tang et al.	
		US-			
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OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS

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			YES	NO
AS	3.	BAFNA et al., SCOPE: a probabilistic model for scoring tandem mass spectra against a peptide database, Bioinformatics, Vol. 17, Suppl. 12001, Pages S13-S21	<input type="checkbox"/>	<input type="checkbox"/>
AS	4.	ZHANG et al., Profound: An expert system for protein identification using mass spectrometric peptide mapping information, Anal. Chem. 2000, 72, 2482-2489	<input type="checkbox"/>	<input type="checkbox"/>
AS	5.	YATES, III, Database searching using mass spectrometry data, Electrophoresis, 1998, 19, 893-900	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>

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